

Name _____ Block _____

Find the equation of a line passing through the given point and perpendicular to the given equation.

1) $(4,1)$ $y = 2x + 2$

2) $(-2,1)$ $y = x - 2$

3) $(1,5)$ $y = -\frac{1}{3}x - 1$

4) $(3, -1)$ $y = \frac{2}{3}x + 1$

5) $(4,4)$ $y = -4x - 2$

6) $(2,-2)$ $y = \frac{1}{2}x + 3$